

## Appendix Summary Outbreak Tables for 2010, West Virginia

Number	Date and Time Reported to LHD	Date and Time Reported to State	Elapsed Time in Minutes	Jurisdiction	Counties with Cases	Clinical Diagnosis	Etiologic Agent	Final Case Count	Labs	Transmission	Modes of transmission or source of illness
1	Missing	1/4/2010 12:00	Missing	WV	Kanawha	Acute Gastroenteritis	Norovirus Genotype II	53/172 residents (AR 31%) and 55/125 staff (AR 44%)	Lab Confirmed	Nursing Home	Person to Person
2	1/11/2010	1/11/2010 14:45	885	WV	Pleasants	Acute Gastroenteritis	Norovirus Genotype II	41/64 residents (AR 64%) and 14/80 staff (AR 18%)	Lab Confirmed	Nursing Home	Person to Person
3	Missing	Missing	Missing	WV	Kanawha	Acute Gastroenteritis	Undetermined	47 Residents	Lab test not done	Nursing Home	Person to Person
4	Missing	Missing	Missing	WV	Monroe	Upper Respiratory Illness	Undetermined	3 residents X-ray diagnosed pneumonia & 5 URTI	Lab test negative or noncontributory	Nursing Home	Person to Person
5	1/13/2010 15:25	1/13/2010 15:35	10	WV	Cabell	Acute Gastroenteritis	<i>Salmonella Enteritidis</i>	6/10 = 60%	Lab Confirmed	Household	Foodborne
6	1/15/2010 15:00	1/19/2010 9:15	5415	WV	Ohio	Acute Gastroenteritis	Norovirus Genotype II	75/192 Residents (AR 39%) 52/245 Staff (AR 21%)	Lab Confirmed	Nursing Home	Person to Person
7	1/20/2010	1/15/2010	7201	Multi-state CDC is the lead	Monongalia	Acute Gastroenteritis	<i>Salmonella Montevideo</i>	1	Lab Confirmed	community	Foodborne - Pepper products
8	1/20/2010 14:40	1/21/2010 13:30	1370	WV	Kanawha	Acute Gastroenteritis	Undetermined	9/60 residents (AR 15%)	Lab test not done	Nursing Home	Person to Person

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9	1/25/2010 10:00	1/25/2010 10:30	30	WV	Mercer	Upper Respiratory Illness	Undetermined	6/116 residents (AR 5%) and 2/147 staff (AR 1%)	Lab test not done	Nursing Home	Likely Person to Person
10	1/25/2010 8:00	Missing	Missing	WV	Wood	Acute Gastroenteritis	Undetermined	11/60 residents (18%) and 2/35 staff (5%)	Lab test not done	Nursing Home	Likely Point Source
11	2/4/2010 9:45	2/4/2010 10:00	15	WV	Greenbrier	Acute Gastroenteritis	Norovirus Genotype II	18/47 (AR: 38.3%)	Lab Confirmed	Banquet	Point source and secondary Person to Person transmission
12	2/4/2010 10:00	2/4/2010 10:30	30	WV	Kanawha	Acute Gastroenteritis	Norovirus Genotype II	The Highest Absentees Rate is 60%	Lab Confirmed	School	Person to Person
13	1/28/2010 15:30	2/8/2010 14:00	15750	WV	Jefferson	Chickenpox	Likely varicella zoster virus	7 cases (AR: 1.4%)	Lab test not done	School	Person to Person
14	2/19/2010 9:45	2/19/2010 10:00	15	WV	Kanawha	Upper Respiratory Illness	Undetermined	21/93 Residents (AR: 23%)	Lab test not done	Nursing Home	Person to Person
15	2/19/2010 15:30	2/17/2010 11:30	3121	WV	Cabell	Acute Gastroenteritis	Undetermined	17/120 Staff (AR 14.5%)	Lab test negative or noncontributory	Hospital OR/Recovery	Person to Person
16	3/1/2010 8:25	Missing	Missing	WV	Cabell	Rash	MRSA	2 Confirmed cases	Lab Confirmed	Athletic Team	Person to Person

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17	3/1/2010 11:30	3/1/2010 11:45	15	WV	Kanawha	Upper Respiratory Illness	Group A <i>Streptococcus</i>	7/20 children (AR 35%) and 1 adult	Rapid test positive but not culture confirmed	Daycare	Person to Person
18	3/5/2010	3/4/2010 10:20	821	WV	Kanawha	Chickenpox	Varicella zoster virus	Students: 12/1910 (AR: 0.6%)	Lab Confirmed	Schools	Person to Person
19	3/8/2010 12:20	3/8/2010 12:40	20	WV	Lewis, Barbour	Acute Gastroenteritis	Norovirus Genotype II	Missing	Lab Confirmed	Basketball tournament	Person to Person
20	Missing	3/9/2010 15:30	Missing	WV	Kanawha	Acute Gastroenteritis	Undetermined	15 residents and 4 staff	Lab test negative or noncontributory	Nursing Home	Person to Person
21	3/10/2010 14:15	3/11/2010 9:00	1125	WV	Fayette	Upper Respiratory Illness	Undetermined	5/24 Residents (AR 21%)	Lab test not done	Nursing Home	Likely person to person
22	3/10/2010	3/12/2010 14:45	3765	WV	Greenbrier	Acute Gastroenteritis	Norovirus Genotype II	36 of 53 Residents (AR: 68%) and 13 of 75 Staff (AR: 17%)	Lab Confirmed	Nursing Home	Person to Person
23	3/15/2010 11:30	3/15/2010 10:30	61	WV	Mingo	Upper Respiratory Illness	Undetermined	Staff (15 )	Lab test negative or noncontributory	Hospital OR	Likely Person to Person
24	3/12/2010 15:30	3/12/2010 15:30	0	WV	Boone	Chickenpox	Varicella zoster virus	Students 6/599 (AR: 1%)	Lab Confirmed	School	person to person

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25	3/16/2010 15:47	3/16/2010 15:30	18	WV	Mercer	Acute Gastroenteritis	Undetermined	Students 12/110 (AR: 11%)	Lab test not done	School	Person to Person
26	3/22/2010 15:00	3/22/2010 15:00	0	WV	Marshall	Influenza-Like Illness	Undetermined	Undetermined	Lab test not done	School	Person to person
27	3/17/2010 13:45	3/17/2010 14:00	15	WV	Mercer	Acute Gastroenteritis	<i>Salmonella Enteritidis</i>	22	Lab Confirmed	Restaurant	Foodborne
28	3/25/2010 15:15	3/25/2010 15:40	25	WV	Greenbrier	Acute Gastroenteritis	Undetermined	8/65 (AR 12.3%) residents and 9/40 (AR 22.5%) staff	Lab test not done	Nursing Home	Person to Person
29	3/26/2010 10:00	3/26/2010 10:20	20	WV	Raleigh	Acute Gastroenteritis	Norovirus	30/68 Residents (AR: 44%) and 9 staff	Lab Confirmed	Nursing home	Point source and secondary Person to Person transmission
30	4/12/2010 11:00	4/12/2010 10:00	61	WV	Jefferson	Chickenpox	Varicella zoster virus	Students 7/520 (AR: 1%)	Lab Confirmed	School	Person to Person
31	4/15/2010 8:40	4/15/2010 9:10	30	WV	Wayne	Chickenpox	Varicella zoster virus	Students 13/340 (AR: 3.8%)	Lab Confirmed	School	Person to Person
32	4/15/2010 12:00	4/16/2010 9:12	1272	WV	Boone	Chickenpox	Varicella zoster virus	Students 28/526 (AR 5.3%)	Lab Confirmed	School	Person to Person

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33	4/16/2010 14:00	4/16/2010 14:00	0	WV	Wayne	Chickenpox	Likely varicella zoster virus	Students 4/245 (AR: 1.6%)	Lab test not done	School	Person to Person
34	4/30/2010 12:05	4/30/2010 12:10	5	WV	Wood	Upper Respiratory Illness	Group A <i>Streptococcus</i>	19/327 (AR: (6%))	Rapid test positive but not culture confirmed	School	Person to Person
35	5/4/2010 14:10	5/4/2010 14:45	35	WV	Monongalia	Acute Gastroenteritis	Undetermined	35 Residents and 29 Staff	Lab test not done	Nursing Home	Person to Person
36	5/4/2010 14:00	5/4/2010 14:35	35	WV	Webster	Rash / Folliculitis	Undetermined	6/16 (AR: 37.5 %)	Lab test not done	Camp	Point source (waterborne - Hot Tub)
37	Missing	Missing	Missing	WV	Mercer	Chickenpox	Likely varicella zoster virus	Students 12/730 (AR: 1.6%)	Lab test negative or noncontributory	School	Person to Person
38	5/12/2010 10:00	5/12/2010 10:00	0	WV	Fayette	Chickenpox	Likely varicella zoster virus	Students 20/429 (AR: 5%)	Lab test not done	School	Person to Person
39	Missing	Missing	Missing	WV	Wayne	Chickenpox	Likely varicella zoster virus	Students 8/543 (AR: 1.5%)	Lab test not done	School	Person to Person
40	5/20/2010 12:30	5/20/2010 12:45	15	WV	Greenbrier	Acute Gastroenteritis	Norovirus Genotype I	Students: 46/90 (AR:51%)	Lab Confirmed	School	Point source and secondary Person to Person transmission

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41	5/20/2010 12:30	5/20/2010 12:45	15	WV	Monongalia , Green county, PA	Whooping Cough	<i>Bordetella pertussis</i> (PCR confirmed)	N/A	Lab Confirmed	Daycare	Person to Person
42	3/25/2010 11:48	3/25/2010	709	WV	Preston	Chickenpox	Likely varicella zoster virus	Students 13/534 (AR 2.5%)	Lab test not done	School	Person to Person
43	5/24/2010 16:00	5/24/2010 16:45	45	WV	Kanawha	Scabies	Likely Sarcoptes scabiei	9 Residents and 9 Staff	Lab test not done	Nursing Home	person to person
44	6/3/2010 13:55	6/3/2010 14:00	5	WV	Lewis	Chickenpox	Likely varicella zoster virus	Students 3/740 (AR: 0.4%)	Lab test not done	School	Person to Person
45	6/10/2010 15:30	6/10/2010 15:50	20	WV	Mercer	Upper Respiratory Illness	Rhinovirus	Residents 25/57 (AR 44% ) Staff 3/150 (AR: 2%)	Lab Confirmed	Nursing Home	Person to person
46	Missing	6/18/2010 19:00	Missing	WV	Roane	Upper Respiratory Illness / Pneumonia	Human Metapneumovirus	14/30 residents and 3/? Staff	Lab Confirmed	Nursing Home	Person to person
47	6/23/2010 8:20	6/23/2010 8:30	10	WV	Mercer	Acute Gastroenteritis	Undetermined	9/39 residents (AR 23%)	Lab test negative or noncontributory	Nursing Home	Likely Point Source
48	6/29/2010	6/29/2010 14:30	870	WV	Boone	Scabies	Likely Sarcoptes scabiei	12/12 residents (AR 100%), 11/16 staff (AR 69%)	Lab test not done	Assisted Living Facility	Person to person

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49	Missing	7/7/2010 12:00	Missing	wv	kanawha	Hand, Foot and Mouth Disease	Likely enteroviral group	Children 3/170 (AR: 2%)	Lab test not done	Daycare	person to person
50	7/9/2010 15:00	7/9/2010 15:37	37	WV	Roane	Chickenpox	Likely varicella zoster virus	9 children	Lab test not done	Community	person to person
51	7/20/2010 15:40	7/20/2010 15:45	5	WV	Kanawha	scabies	Likely Sarcoptes scabiei	Residents 29 (AR: 22%) and Staff: 2	Lab test not done	Women Shelter	person to person
52	8/3/2010 16:00	8/4/2010 14:35	1355	WV	Ohio	Acute Gastroenteritis	<i>Bacillus Cereus</i>	Family members 10/10 (AR: 100%)	Lab Confirmed	Home	Foodborne (pizza)
53	8/6/2010 14:30	8/6/2010 13:45	46	WV	Randolph	Whooping Cough	<i>Bordetella pertussis</i> (PCR confirmed)	37 cases	Lab Confirmed	Community	Person to person
54	8/9/2010 14:07	8/9/2010 14:17	10	wv	Mercer	Upper Respiratory Illness	Rhinovirus	Residents: 33/102 (AR: 32%) Staff: 13/96 (AR14%)	Lab Confirmed	Nursing Home	person to person
55	8/25/2010 12:40	8/25/2010 13:10	30	WV	Wayne	Acute Gastroenteritis	Undetermined	Students 85/350 (AR: 24%) Staff: Unknown	Lab test negative or noncontributory	School	person to person
56	8/30/2010	8/31/2010 11:15	2115	WV	Kanawha	Acute Gastroenteritis	<i>Shigella sonnei</i>	105 cases (33 confirmed and 72 probable)	Lab Confirmed	Schools / Community	person to person

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57	9/1/2010 14:30	9/1/2010 15:30	60	WV	kanawha	Upper Respiratory Illness	Undetermined	Missing	Lab test not done	Nursing Home	Likely person to person
58	9/15/2010 10:30	9/15/2010 10:25	6	WV	Mercer	Upper Respiratory Illness	Undetermined	17/118 Residents (AR: 14.4%) and 12/145 Staff (AR:8%)	Lab test negative or noncontributory	Nursing Home	Person to person
59	9/16/2010 13:45	9/16/2010 13:55	10	WV	Preston	Whooping Cough	<i>Bordetella pertussis</i> (PCR confirmed)	Estimated 27 cases	Lab Confirmed	community	Person to person
60	Missing	Missing	Missing	WV	Wood	Conjunctivitis	Undetermined	10 Children and Two Adults	Lab test not done	Elem School	person to person
61	9/23/2010 14:50	9/24/2010 11:30	1240	wv	Brooke	Rash	MRSA	7 cases	Lab Confirmed	School	person to person
62	Missing	Missing	Missing	WV	Raleigh	Upper Respiratory Illness	Undetermined	27/157 residents (17% AR) and 10/218 Staff (4.5% AR)	Lab test not done	Nursing Home	Person to person
63	9/28/2010 15:50	9/28/2010 16:00	10	WV	Wood	Upper Respiratory Illness	Undetermined	20/64 (AR 31%) residents & 5/83 Staff (AR 6%)	Lab test negative or noncontributory	Nursing Home	person to person
64	9/30/2010 15:45	9/30/2010 16:05	20	WV	Monongalia	Upper Respiratory Illness	Undetermined	17 residents and 19 staff	Lab test negative or noncontributory	Nursing Home	Likely Person to Person



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65	9/30/2010 18:00	10/1/2010 9:00	900	WV	Kanawha	Hand, Foot and Mouth Disease	Likely enteroviral group	Daycare attendees 8/24 (AR:33%)	Lab test not done	Daycare	person to person
66	10/1/2010 16:00	10/1/2010 15:50	11	WV	Greenbrier	Upper Respiratory Illness	Undetermined	Residents 23/87 (AR: 26%)	Lab test negative or noncontributory	Nursing home	Likely Person to Person
67	10/5/2010 8:00	10/4/2010 9:00	1381	WV	Mercer	Chickenpox	Varicella zoster virus	Missing	Lab Confirmed	School	Person to Person
68	10/6/2010 10:45	10/6/2010 10:32	14	WV	Boone	Chickenpox	Likely varicella zoster virus	Students 3/550 (AR: 0.6%)	Lab test negative or noncontributory	School	Person to Person
69	10/8/2010 11:30	10/8/2010 11:50	20	WV	Jefferson	Upper Respiratory Illness	Group A <i>Streptococcus</i>	Students 17/433 (AR 4%)	Rapid test positive but not culture confirmed	School	Person to Person
70	8/13/2010 10:30	8/13/2010 14:20	230	WV	Monongalia	Upper Respiratory Illness	Undetermined	Missing	Lab test negative or noncontributory	Nursing Home	Person to person
71	10/25/2010 9:10	10/25/2010 9:15	5	WV	Mercer	Acute Gastroenteritis	Norovirus Genotype II	23/73 Residents (AR: 32%)	Lab Confirmed	Nursing home	Person to Person
72	10/27/2010 11:00	10/27/2010 11:30	30	WV	Wayne, Cabell, Jackson	Hepatitis	hepatitis A	Missing	Lab Confirmed	Community	Person to person

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73	11/1/2010 11:00	11/1/2010 11:00	0	WV	Harrison	Chickenpox	Likely varicella zoster virus	Students 3/580 (AR: 0.5%)	Lab test not done	School	Person to Person
74	11/11/2010 11:14	11/11/2010 11:11	4	WV	Wayne	Chickenpox	Likely varicella zoster virus	Students 8/253 (AR: 3.2%)	Lab test not done	School	Person to Person
75	11/9/2010 11:00	11/9/2010 11:10	10	WV	Kanawha	Scabies	Sarcoptes scabiei	3/120 Residents (AR 2.5%)	Lab Confirmed	Nursing Home	Person to Person
76	11/9/2010 16:00	11/9/2010 15:30	31	WV	Kanawha	Acute Gastroenteritis	Norovirus Genotype I	31/56 (AR: 55%) residents and 8/75 staff (AR: 11%)	Lab Confirmed	Nursing Home	Person to Person
77	11/12/2010 16:00	11/12/2010 15:30	31	WV	Monongalia	Whooping Cough	<i>Bordetella pertussis</i> (PCR confirmed)	Missing	Lab Confirmed	Community	Person to person
78	11/12/2010 14:30	11/16/2010 10:15	5505	WV	Fayette	Acute Gastroenteritis	Undetermined	Residents 28/80 (AR: 35%) and Staff 33	Lab test not done	Nursing Home	Person to Person
79	11/18/2010 11:15	11/18/2010 11:30	15	WV	Kanawha	Scabies	Likely Sarcoptes scabiei	Missing	Lab test not done	School	Person to person
80	11/19/2010 12:00	11/19/2010 16:00	240	WV	Ritchie	Scabies	Sarcoptes scabiei	Residents 8/54 (AR 15%)	Lab Confirmed	Nursing Home	person to person

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81	Missing	11/22/2010 10:00	Missing	WV	Roane	Upper Respiratory Illness	Undetermined	Students 29/497 (AR: 6%)	Lab test not done	School	person to person
82	Missing	11/29/2010 3:15	Missing	WV	Mercer	Whooping Cough	<i>Bordetella pertussis</i> (PCR confirmed)	4 confirmed cases and 7 probable	Lab Confirmed	Community	Person to person
83	11/19/2010 12:00	Missing	Missing	WV	Mercer	Chickenpox	Likely varicella zoster virus	Students 6	Lab test negative or noncontributory	School	Person to Person
84	12/1/2010 13:00	12/1/2010 13:50	50	WV	Mercer	Upper Respiratory Illness	Undetermined	Residents: 14/80 (17.5%)	Lab test not done	Nursing Home	Likely Person to Person
85	12/3/2010 11:00	12/3/2010 11:30	30	WV	Marshall	Scabies	Likely Sarcoptes scabiei	Inmates and staff: 32/300 (AR: 11%)	Lab test not done	Jail	Person to Person
86	12/7/2010 15:45	12/7/2010 15:45	0	WV	Putnam	Acute Gastroenteritis	Norovirus Genotype II	Residents 16/133 (AR:14%)	Lab Confirmed	Nursing Home	Person to Person
87	12/8/2010 16:30	12/8/2010 17:30	60	WV	Kanawha	Acute Gastroenteritis	Norovirus Genotype I & II	Residents: 47/92 (51%) Staff: 20/95 (21%)	Lab Confirmed	Nursing Home	Person to Person
88	12/9/2010 15:30	12/9/2010 15:47	17	WV	Kanawha	Acute Gastroenteritis	Norovirus Genotype I	Residents: 12/60 (AR: 20%), Staff : 5/40 (AR: 12.5%)	Lab Confirmed	Nursing Home	Person to Person

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89	11/16/2010 12:00	12/10/2010 14:03	34683	WV	Braxton	Chickenpox	Varicella zoster virus	Students 6/651 (AR: 0.9%)	Lab Confirmed	School	Person to Person
90	11/19/2010	12/10/2010 13:15	31035	WV	Marshall	Conjunctivitis	Undetermined	Students: 76/400 (AR: 19%)	Lab test negative or noncontributory	School	Likely Person to Person
91	12/13/2010 13:00	12/13/2010 13:30	30	WV	Wood	Acute Gastroenteritis	Norovirus Genotype II	residents: 47/92 (AR: 51%) staff: 49/125 (39 %)	Lab Confirmed	Nursing Home	Person to Person
92	12/23/2010 13:15	12/23/2010 12:30	46	WV	Kanawha	Scabies	Likely sarcoptes scabiei	Residents 8/89 (AR:9%) staff 2	Lab test not done	Nursing Home	Person to Person
93	12/28/2010 10:00	12/28/2010 11:00	60	WV	Ritchie	Acute Gastroenteritis	Norovirus Genotype II	residents: 33/55 (60%); Staff: 20/75 (27%)	Lab Confirmed	Nursing Home	Person to Person
94	12/31/2010 18:19	12/31/2010 18:40	21	WV	Kanawha	Acute Gastroenteritis	Undetermined	Residents: 16/117 (14%); Staff: 6	Lab test negative or noncontributory	Nursing Home	Person to Person
95	12/14/2010 12:00	1/19/2011 12:38	51878	WV	Jackson	Chickenpox	Likely varicella zoster virus	Students 4/213 (AR: 1.9%)	Lab test not done	school	Person to Person
96	10/27/2010 11:00	10/27/2010 11:30	30	WV	Cabell	Hepatitis	hepatitis A	Missing	Lab Confirmed	Community	Person to Person